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<b>Substitute for Form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/630,168	
			Filing Date	July 30, 2003	
			First Named Inventor	Keith A. Christenson et al.	
			Group Art Unit	2681	
Examiner Name	Unknown				
Sheet	1	of	2	Attorney Docket Number	LEAR 03959 PUS (03959)

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	U.S. PATENT DOCUMENT		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
EP		2002/0067826		King	06-06-2002	
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		2005/0024229	A1	Chuey	02-03-2005	
		2005/0024230	A1	Chuey	02-03-2005	
		2005/0024254	A1	Chuey	02-03-2005	
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		2005/0026601	A1	Chuey	02-03-2005	
		2005/0026602	A1	Chuey et al.	02-03-2005	
		2005/0026605	A1	Guthrie et al.	02-03-2005	
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Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>2</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
26 267			GB 2 336 433		Mitutoyo Corp.	04-01-1999		
			GB 2 366 433		US Electronics	05-17-2000		
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Examiner Signature	<i>26</i>	Date Considered	<i>2/2/03</i>
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<b>OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
EH		Combined Search and Examination Report Under Sections 17 and 18(3) mailed November 2, 2004 for European patent application GB 0416789.6.			
EH		Combined Search and Examination Report Under Sections 17 and 18(3) mailed November 2, 2004 for European patent application GB0416753.2			
EH		Combined Search and Examination Report Under Sections 17 and 18(3) for European Application No. GB0416742.5 dated October 26, 2004			
EH		German Search/Examination Document, German Patent Application No. 103 14 228.2, December 14, 2004			

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Sheet	1	of	2
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## U.S. PATENT DOCUMENTS

[illegible]

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[illegible]

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Date  
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Sheet	2	of	2
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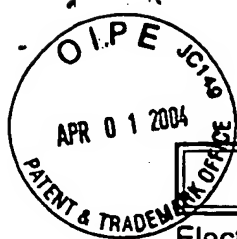
## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

PROGRAMMABLE INTEROPERABLE APPLIANCE  
REMOTE CONTROL

Application Number: 10/630168



Confirmation Number: 7640

First Named Applicant: Keith Christenson

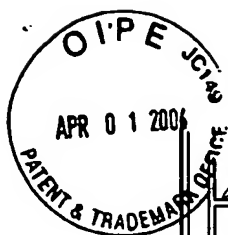
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20020126037 or 20020191794 or 20030016119  
or 20030016139 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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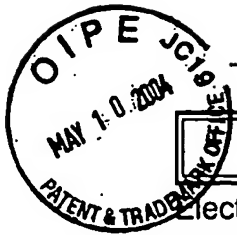
## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
1	1	20020034303	2002-03-21	Farris et al.	A1		
2	2	20020126037	2002-09-12	Fitzgibbon	A1		
3	3	20020191794	2002-12-19	Farris et al.	A1		
4	4	20030016119	2003-01-23	Teich	A1		



9A	5	20030016139	2003-01-23	Teich	A1
Signature					
Examiner Name			Date		
[Signature]			5/11/05		



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Electronic Version v18  
Stylesheet Version v18.0

Title of Invention	PROGRAMMABLE INTEROPERABLE APPLIANCE REMOTE CONTROL																																																																								
<p>Application Number: 10/630168</p> <p>Confirmation Number: 7640</p> <p>First Named Applicant: Keith Christenson</p> <p>Attorney Docket Number: LEAR 03959 PUS</p> <p>Search string: ( 1522241 or 3098212 or 3300867 or 3337992 or 3680951 or 4074200 or 4241870 or 4425717 or 4447808 or 4535333 or 4581827 or 4598287 or 4623887 or 4631708 or 4635033 or 4676601 or 4707788 or Re32576 or 4727302 or 4747159 or 4754255 or 4771283 or 4793690 or 4825200 or 4881148 or 4882565 or 4886960 or 4890108 or 4896030 or 4905279 or 4917477 or 4953305 or 4978944 or 4988992 or 5016996 or 5064274 or 5113821 or 5122647 or 5123008 or 5126686 or 5181423 or 5225847 or 5266945 or 5369706 or 5379453 or 5408698 or 5463374 or 5812097 or 5841813 or 5103221 or 5146215 or 5201067 or 5243322 or 5252960 or 5252977 or 5420925 or 5471668 or 5517187 or 5564101 or 5594429 or 5598475 or 5680131 or 5686904 ).pn.</p>																																																																									
<p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>22</td><td>1</td><td>1522241</td><td>1925-01-06</td><td>Hennessey</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>3098212</td><td>1963-07-16</td><td>Creamer, Jr.</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>3300867</td><td>1967-01-31</td><td>Sampson</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>3337992</td><td>1967-08-29</td><td>Tolson</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>3680951</td><td>1972-08-01</td><td>Jordan et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>4074200</td><td>1978-02-14</td><td>Buchta</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>4241870</td><td>1980-12-30</td><td>Marcus</td><td></td><td></td><td></td></tr><tr><td>22</td><td>8</td><td>4425717</td><td>1984-01-17</td><td>Marcus</td><td></td><td></td><td></td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	22	1	1522241	1925-01-06	Hennessey					2	3098212	1963-07-16	Creamer, Jr.					3	3300867	1967-01-31	Sampson					4	3337992	1967-08-29	Tolson					5	3680951	1972-08-01	Jordan et al.					6	4074200	1978-02-14	Buchta					7	4241870	1980-12-30	Marcus				22	8	4425717	1984-01-17	Marcus			
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	37	5113821	1992-05-19	Fukui et al.
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	40	5126686	1992-06-30	Tam
	41	5181423	1993-01-26	Philipps et al.
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	46	5408698	1995-04-18	Serizawa et al.
	47	5463374	1995-10-31	Mendez et al.
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	49	5841813	1998-11-24	Van Nee
	50	5103221	1992-04-07	Memmiola
	51	5146215	1992-09-08	Drori
	52	5201067	1993-04-06	Grube et al.
	53	5243322	1993-09-07	Thompson et al.
	54	5252960	1993-10-12	Duhame
	55	5252977	1993-10-12	Lueker et al.
	56	5420925	1995-05-30	Michaels
	57	5471668	1995-11-28	Soenen et al.
	58	5517187	1996-05-14	Bruwer et al.
	59	5564101	1996-10-08	Eisfeld et al.
	60	5594429	1997-01-14	Nakahara
	61	5598475	1997-01-28	Soenen et al.
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Signature

Examiner Name	Date
<i>E. Han</i>	<i>11/08</i>

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**Examiner Name**

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Attorney Docket Number

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EF		Garage Door/Gate Remote Control User's Instructions (Model 39), Skylink Technologies Inc., 2002.			
		HomeLink Wireless Control System Lighting Kit Installation, <a href="http://www.homelink.com/print/lighting_print.html">http://www.homelink.com/print/lighting_print.html</a> .			
		HomeLink Wireless Control System Frequently Asked Questions, <a href="http://www.homelink.com/print/faq_print.html">http://www.homelink.com/print/faq_print.html</a> .			
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		Microchip HCS360 Keeloq Code Hopping Encoder, Microchip Technology Inc., DS40152E, 2002.			
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		Chamberlain LiftMaster Professional Universal Receiver Model 635LM Owner's Manual, 114A2128C, The Chamberlain Group, Inc., 2002.			
		Flash2Pass eliminates past garage door opener hassles using a secure and easy-to-install system, Press Release, F2P Electronics, Inc., January 2002.			
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EF		The X-10 Powerhouse Power Line Interface Model #PL513 and Two-Way Power Line Interface Model #TW523, Technical Note, Dave Rye, Rev. 2.4, PL/TWTN/1291.			

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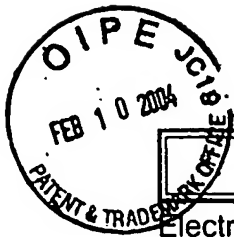
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EH		Neural Networks for ECCM, Simon Haykin, McMaster University Communications Research Laboratory Technical Report 282, Neurocomputing for Signal Processing, February 1994, <a href="http://www.crl.mcmaster.ca/cgi-bin/makerabs.pl?282">http://www.crl.mcmaster.ca/cgi-bin/makerabs.pl?282</a> .			
EH		DRFM Theory of Operation, KOR Electronics, Inc., <a href="http://www.korelectronics.com/product_sheets/theory-of-operations/drfm-theoryofop.htm">http://www.korelectronics.com/product_sheets/theory-of-operations/drfm-theoryofop.htm</a>			
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EH		Pager and Garage Door Opener Combination, Gail Marino, Motorola Technical Developments, vol. 10, March 1990.			

Examiner Signature		Date Considered	5/11/05
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

PROGRAMMABLE INTEROPERABLE APPLIANCE  
REMOTE CONTROL

Application Number: 10/630168



Confirmation Number: 7640

First Named Applicant: Keith Christenson

Attorney Docket Number: LEAR 03959 PUS

Search string: ( 5680134 or 5841390 or 6005508 or 6243000  
or 6249673 or 6359558 or 6441719 or 6556813  
or 20020137479 or 20020163440 or  
20030067394 or 20030076235 or  
20030189530 ),pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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	2	5841390	1998-11-24	Tsui			
	3	6005508	1999-12-21	Tsui			
	4	6243000	2001-06-05	Tsui			
	5	6249673	2001-06-19	Tsui			
	6	6359558	2002-03-19	Tsui			
	7	6441719	2002-08-27	Tsui			
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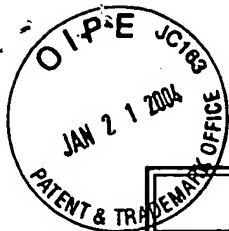
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28	4	20030076235	2003-04-24	Tsui
27	5	20030189530	2003-10-09	Tsui

Signature

Examiner Name	Date
<i>[Signature]</i>	5/11/05



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<p>Application Number: 10/630168</p> <p>Confirmation Number: 7640</p> <p>First Named Applicant: Keith Christenson</p> <p>Attorney Docket Number: LEAR 03959 PUS</p> <p>Search string: ( 5154617 or 5278547 or 5455716 or 5442340 or 5475366 or 5479155 or 5583485 or 5614885 or 5614891 or 5619190 or 5646701 or 5627529 or 5661455 or 5661651 or 5661804 or 5686903 or 5691848 or 5699044 or 5699054 or 5699055 or 5708415 or 5793300 or 5845593 or 5903226 or 5940000 or 6091343 or 6137421 or 20020190872 or 20020197955 or 20030197594 or 20030197595 or 20030216139 or 20030228879 ).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td>1</td><td>5154617</td><td>1992-10-13</td><td>Suman et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>2</td><td>5278547</td><td>1994-01-11</td><td>Suman et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>3</td><td>5455716</td><td>1995-10-03</td><td>Suman et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>4</td><td>5442340</td><td>1995-08-15</td><td>Dykema</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>5</td><td>5475366</td><td>1995-12-12</td><td>Van Lente et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>6</td><td>5479155</td><td>1995-12-26</td><td>Zeinstra et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>7</td><td>5583485</td><td>1996-12-10</td><td>Van Lente et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>8</td><td>5614885</td><td>1997-03-25</td><td>Van Lente et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>9</td><td>5614891</td><td>1997-03-25</td><td>Zeinstra et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>10</td><td>5619190</td><td>1997-04-08</td><td>Duckworth et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>11</td><td>5646701</td><td>1997-07-08</td><td>Duckworth et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>12</td><td>5627529</td><td>1997-05-06</td><td>Duckworth et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>13</td><td>5661455</td><td>1997-08-26</td><td>Van Lente et al.</td><td></td><td></td><td></td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	<input checked="" type="checkbox"/>	1	5154617	1992-10-13	Suman et al.				<input type="checkbox"/>	2	5278547	1994-01-11	Suman et al.				<input type="checkbox"/>	3	5455716	1995-10-03	Suman et al.				<input type="checkbox"/>	4	5442340	1995-08-15	Dykema				<input type="checkbox"/>	5	5475366	1995-12-12	Van Lente et al.				<input type="checkbox"/>	6	5479155	1995-12-26	Zeinstra et al.				<input type="checkbox"/>	7	5583485	1996-12-10	Van Lente et al.				<input type="checkbox"/>	8	5614885	1997-03-25	Van Lente et al.				<input type="checkbox"/>	9	5614891	1997-03-25	Zeinstra et al.				<input type="checkbox"/>	10	5619190	1997-04-08	Duckworth et al.				<input type="checkbox"/>	11	5646701	1997-07-08	Duckworth et al.				<input type="checkbox"/>	12	5627529	1997-05-06	Duckworth et al.				<input checked="" type="checkbox"/>	13	5661455	1997-08-26	Van Lente et al.			
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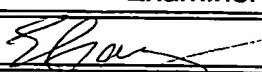
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